

✓
Well Report for Harold Dobie
2001

64-32949

Date	Gallons
16-Jun-01	0
30-Jun-01	160,000
13-Jul-01	310,000
27-Jul-01	565,000
10-Aug-01	1,012,000
17-Aug-01	1,563,000
1-Sep-01	1,806,000
14-Sep-01	2,219,000
1-Oct-01	3,038,000



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

15 West Yakima Avenue, Suite 200 • Yakima, Washington 98902-3452 • (509) 575-2490

November 16, 2001

Harold Dobie
340 Eschbach Rd
Yakima WA 98908

RE: Application No(s). G4-32949, G4-34509

Earlier this year, the Department of Ecology issued an Emergency Drought Authorization under the above-referenced application number for the use of emergency wells in the Yakima River basins to supplement reduced deliveries during this irrigation season. In some cases new wells were approved for this purpose.

One of the provisions of the authorizations was that a flow meter must be installed, water use monitored, and the water use records submitted to the department at the end of the irrigation season. At this time, I am writing to request the metering reports on these wells. If you did not drill a well that was authorized, or did not use water that was authorized, please let us know.

My staff will be conducting end of irrigation season field visits in the near future. Your meter records and information on the completion of new wells is greatly appreciated.

If you have questions, please call Suzanne Blakeney at (509) 454-7294.

Sincerely,

A handwritten signature in dark ink, appearing to read "Phil Crane".

Phil Crane, Unit Supervisor
Water Resources Program

SB:PC:gg
011110a



11/19

Harold Dobie called @ 0820
in response to letter received that
asked him to submit meter reads
on emergency wells.

① Says he submitted meter reads
on 64-32949 & 34509.

② had submitted application
to deepen the domestic well
& to use it as a supplemental.
He has not deepened it yet because
the hydrogeologic study has not
been completed.

S. Blahney

WATER WELL REPORT

Start Card No. W108688

STATE OF WASHINGTON

Unique Well I.D. # AGK401

Water Right Permit No.

(1) OWNER: Name **DOBIE, HAROLD** Address **340 ESCHBACH RD YAKIMA, WA 98908-**
(2) LOCATION OF WELL: County **YAKIMA** - NW 1/4 NE 1/4 Sec 30 T 13 N., R 20E WM
(2a) STREET ADDRESS OF WELL (or nearest address) , **YAKIMA**

(3) PROPOSED USE: **IRRIGATION**

(10) WELL LOG

(4) TYPE OF WORK: Owner's Number of well
(If more than one)
DEEPEMED Method: **ROTARY**

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.

(5) DIMENSIONS: Diameter of well **8** inches
Drilled **80** ft. Depth of completed well **780** ft.

MATERIAL

	FROM	TO
BASALT BLACK HARD	700	753
SANDSTONE GRAY BROWN	753	775
FRACTURED W/WATER	775	
BASALT BLACK MEDIUM	775	780
	780	

(6) CONSTRUCTION DETAILS:

Casing installed: " Dia. from ft. to ft.
" Dia. from ft. to ft.
" Dia. from ft. to ft.

Perforations: **NO**

Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: **NO**

Manufacturer's Name
Type Model No.
Diam. slot size from ft. to ft.
Diam. slot size from ft. to ft.

Gravel packed: **NO** Size of gravel
Gravel placed from ft. to ft.

Surface seal: **YES** To what depth? ft.
Material used in seal **EXISTING**
Did any strata contain unusable water? **NO**
Type of water? Depth of strata ft.
Method of sealing strata off

(7) PUMP: Manufacturer's Name

Type H.P.

(8) WATER LEVELS:

Land-surface elevation
above mean sea level ... ft.
Static level **295** ft. below top of well Date **12/11/01**
Artesian Pressure lbs. per square inch Date
Artesian water controlled by

Work started **12/10/01**Completed **12/11/01**

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.

Was a pump test made? **NO** If yes, by whom?
Yield: gal./min with ft. drawdown after hrs.

Recovery data

Time	Water Level	Time	Water Level	Time	Water Level
------	-------------	------	-------------	------	-------------

Date of test / /
Bailer test gal/min. ft. drawdown after hrs.
Air test **100+** gal/min. w/ stem set at **780** ft. for 5 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? **NO**

WELL CONSTRUCTOR CERTIFICATION:

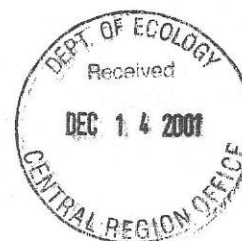
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME **FOGLE PUMP & SUPPLY, INC.**

(Person, firm, or corporation) (Type or print)

ADDRESS **POB 1450, AIRWAY HTS. WA.**[SIGNED] *Fred Lively* License No. **2321**

Contractor's

Registration No. **FOGLEPS095L4**Date **12/13/01**



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

15 West Yakima Avenue, Suite 200 • Yakima, Washington 98902-3452 • (509) 575-2490

July 13, 2001

To: Carroll Palmer, Yakama Nation

RE: Emergency Drought Change Authorization re: G4-32949

Enclosed is a copy of the Department of Ecology's Emergency Drought Change Authorization(s), which constitutes our determination and order regarding the above-referenced application(s). If you have any questions or concerns about any of this information, please call Carol Mortensen of the Department of Ecology at (509) 575-2597.

This Order may be appealed pursuant to RCW Chapter 43.21B. The person to whom this Order is issued must file an appeal with the Pollution Control Hearings Board within thirty (30) days of receipt of this Order. Send the appeal to: Pollution Control Hearings Board, P.O. Box 40903, Olympia, Washington 98504-0903. At the same time, a copy of the appeal must be sent to: Department of Ecology, Fiscal Office, P.O. Box 47615, Olympia, Washington 98504-7615. All others receiving notice of this Order must file an appeal with the Pollution Control Hearings Board within thirty (30) days of the date the Order was mailed in the same manner described above.

Sincerely,

Robert F. Barwin, Section Manager
Water Resources Program

RFB:gg
010716a

Enclosures: Emergency Drought Change Authorization(s)

f-10th.doc



98641

WATER WELL REPORT

Start Card No W130756

Unique Well I D # AGK401

Water Right Permit No

64-32949
DRUGER

STATE OF WASHINGTON

(1) OWNER Name DOBIE, HAROLD Address 340 ESCHBACH RD YAKIMA, WA 98908-
 (2) LOCATION OF WELL County YAKIMA - NW 1/4 NE 1/4 Sec 30 T 13 N, R 20W WM
 (2a) STREET ADDRESS OF WELL (or nearest address), YAKIMA

(3) PROPOSED USE IRRIGATION

(10) WELL LOG

(4) TYPE OF WORK Owner's Number of well 1
 (If more than one)
 RECONDITIONED Method

Formation Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation

(5) DIMENSIONS Diameter of well 8 inches
 Drilled ft Depth of completed well 700 ft

MATERIAL

FROM 0 TO

(6) CONSTRUCTION DETAILS

Casing installed 6 " Dia from 480 ft to 700 ft
 LINER " Dia from ft to ft
 " Dia from ft to ft

ADD 6" LINER FROM 480' to 700'

Perforations YES

Type of perforator used STAR
 SIZE of perforations 1/8 in by 2 in
 100% perforations from 500 ft to 660 ft
 perforations from ft to ft
 perforations from ft to ft

Screens NO

Manufacturer's Name
 Type Model No
 Diam slot size from ft to ft
 Diam slot size from ft to ft

Gravel packed NO

Gravel placed from ft to ft

Surface seal NO

Material used in seal To what depth? ft
 Did any strata contain unusable water? NO
 Type of water? Depth of strata ft
 Method of sealing strata off

(7) PUMP Manufacturer's Name

Type H P

(8) WATER LEVELS

Land-surface elevation above mean sea level, ft
 Static level 260 ft below top of well Date 06/28/01
 Artesian Pressure lbs per square inch Date
 Artesian water controlled by

Work started 06/26/01

Completed 06/28/01

(9) WELL TESTS Drawdown is amount water level is lowered below static level

Was a pump test made? NO If yes, by whom?
 Yield gal/min with ft drawdown after hrs

Recovery data

Time Water Level Time Water Level Time Water Level

Date of test / /

Bailer test gal/min ft drawdown after hrs

Air test gal/min w/ stem set at ft for hrs

Artesian flow g p m Date

Temperature of water: Was a chemical analysis made? NO

WELL CONSTRUCTOR CERTIFICATION

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief

NAME FOGLE PUMP & SUPPLY, INC

(Person, firm, or corporation) (Type or print)

ADDRESS POB 1450, AIRWAY HTS WA

[SIGNED] *William Corbin* License No 2393

Contractor's

Registration No FOGLEPS09514

Date 07/09/01

99358

WATER WELL REPORT

Start Card No W-108668

Unique Well I D # AGK401

Water Right Permit No 64-32949

EMERGENCY DROUGHT PERMIT # G4-32976

STATE OF WASHINGTON

(1) OWNER Name DOBIE, HAROLD

Address 340 ESCHBACH RD YAKIMA, WA 98908-

(2) LOCATION OF WELL County YAKIMA

- NW 1/4 NE 1/4 Sec 30 T 13 N, R 20W WM

(2a) STREET ADDRESS OF WELL (or nearest address), YAKIMA

(3) PROPOSED USE IRRIGATION

(10) WELL LOG

(4) TYPE OF WORK

Owner's Number of well
(If more than one) 1
Method ROTARY

NEW WELL

Formation Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation

(5) DIMENSIONS

Diameter of well 8 inches

Drilled 700 ft Depth of completed well 700 ft

(6) CONSTRUCTION DETAILS

Casing installed 10 " Dia from +1 ft to 198 ft
WELDED 8 " Dia from +2 ft to 517 ft
" Dia from ft to ft

Perforations NO

Type of perforator used

Size of perforations

in by in
perforations from ft to ft
perforations from ft to ft
perforations from ft to ft

Screens NO

Manufacturer's Name

Type

Model No

Diam slot size from ft to ft
Diam slot size from ft to ft

Gravel packed NO

Size of gravel

Grav l placed from ft to ft

Surface seal YES

To what depth? 20 ft

Material used in seal BENTONITE

Did any strata contain unusable water? YES

Type of water? SANDY

Depth of strata 420' ft

Method of sealing strata off CASING

(7) PUMP Manufacturer's Name

Type

H P

(8) WATER LEVELS

Land-surface elevation

above mean sea level ft

Static level 260 ft below top of well Date 06/14/01

Artesian Pressure lbs per square inch Date

Artesian water controlled by

MATERIAL	FROM	TO
SILTY TOPSOIL	0	2
CEMENTED SAND GRAVEL	2	94
WITH COBBLES	94	
SANDSTONE BROWN MEDIUM	94	108
SAND SOME GRAVEL	108	122
CEMENTED GRAVEL	122	189
SANDSTONE BROWN SOFT	189	240
SAND GRAVEL	240	268
SANDSTONE BROWN SOFT	268	305
SOME BROWN CLAY	305	
SANDSTONE BROWN FRACTURED	305	321
MEDIUM	321	
SHALE GRAY MEDIUM	321	333
SANDSTONE BROWN SOFT	333	354
WITH BROWN CLAY	354	
SANDSTONE GRAY MEDIUM	354	365
SANDSTONE BROWN HARD	365	377
SANDSTONE BROWN MEDIUM	377	407
FRACTURED	407	
SANDSTONE BROWN HARD	407	413
SAND WITH BROWN	413	457
CLAY	457	
CLAY BROWN HARD	457	473
SAND	473	515
SHALE BLUE HARD	515	527
BASALT BROKEN BLACK + BROWN	527	550
W/WATER	550	
SHALE BLUE GREEN	550	622
HARD	622	
BASALT BLACK FRACTURED	622	695
HARD	695	
BASALT BLACK HARD	695	700

1-10" DRIVE SHOE

1-8" DRIVE SHOE

Work started 06/04/01

Completed 06/14/01

(9) WELL TESTS Drawdown is amount water level is lowered below static level

Was a pump test made? NO If yes, by whom?

Yield gal /min with ft drawdown after hrs

Recovery ita

Time ater level Time Water Level Time Water Level

Date of test / /

Bailer test gal/min ft drawdown after hrs

Air test 40+ gal/min w/ stem set at 700 ft for 2 hrs

Artesian flow g p m Date

Temperature of water Was a chemical analysis made? NO

WELL CONSTRUCTOR CERTIFICATION

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards Materials used and the information reported above are true to my best knowledge and belief

NAME FOGLE PUMP & SUPPLY, INC

(Person, firm, or corporation) (Type or print)

ADDRESS 1450, AIRWAY HTS WA

[SIGNED] *Paul Lively* License No 2321

Contractor's

Registration No FOGLEPS095L4

Date 06/18/01